

FLAT PANEL DISPLAY UNIT AND METHOD OF REPAIRING DEFECTS IN ITS LINE PATTERN

ABSTRACT OF THE DISCLOSURE

Shorting defects between the scan lines and signal lines are repaired during the manufacture of a TFT or other flat panel display unit without causing liquid crystal orientation defects and production yield is thereby improved. In a TFT panel in which scan line 2 bifurcates where scan line 2 and signal line 3 intersect, the lines having a protective insulation film 8 therebetween, one leg of the scan line 2 bifurcation is cut by a laser 9 where a short 7 has been found between lines at the intersection, thereby electrically separating the short. An insulation film material 13 dispensed from a glass pipette 12 is then applied locally to the cut part and surrounding area and cured to form a new insulation film.